

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					Oct-2006		
TO: City Manager, City of Naples 735 8th Street, Naples, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Naples to Gordon Pass, Collier County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Cut-1: from 900 feet west of green Light-1 to 400 feet west of green Daybeacon-7	Oct-2006	150-100	0.8	12	5.2 (1)	5.8 (1)	7.1
Cut-1 & Cut-2: from 400 feet west of green Daybeacon-7 to green Light-9	Oct-2006	100-220	0.4	10	8.8 (2)	11.6	10.6
Cut-3 thru Cut-6: from green Light-9 to red Daybeacon-18	Oct-2006	100	0.7	10	6.8 (3)	8.2 (3)	8.5 (3)
Cut-6 & Cut-7: from red Daybeacon-18 to red Daybeacon-22	Oct-2006	100	0.5	10	7.9 (4)	12.1	11.8
Cut-7: from red Daybeacon-22 to red Light-24	Oct-2006	100	0.4	10	9.6 (5)	10.2	9.9 (5)
Cut-8 & Cut-9: from red Light-24 to red Light-28	Oct-2006	100	0.6	10	9.2 (6)	9.8 (6)	10.7
Cut-10 to Cut-12: from red Light-28 to the Yacht Basin	Oct-2006	100	0.8	10	8.0 (7)	9.4 (7)	10.8
Municipal Yacht Basin	Apr-2003	250 x 700	0.1	8	8.4 (8)	8.2 (8)	8.8 (8)
Cut-12 thru Cut-15 & turning basin: from the Yacht Basin to State Road-41 Bridge	Oct-2006	100-70	0.7	10	9.4 (9)	9.5 (9)	9.5 (9)

Remarks:

1. Shoaling located 700 feet east of Green Light-1. Shoaling continues eastward approximately 1800 feet and encompasses entire channel.
2. Spot shoal located near the point of intersection into Cut-3.
3. Shoaling located in vicinity of Green Light-13 near turn. Shoaling encompasses entire channel.
4. Shoaling located along the western edge of channel approximately 350 north of Red Daybeacon-20.
5. Shoaling along the western edge of channel in vicinity of Red Daybeacon-22 continuing northward 580 feet.
6. Spot shoal on western portion of channel approximately 485 feet south of Red Light-28.
7. Reported Yacht Basin depths are from an April-2003 Survey.
8. Shoaling located in Cut-10 near Green Daybeacon-29.
9. Sporadic shoaling throughout this reach. Least depths occur east of Yacht Basin.

Survey #06-198